RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _____ 10/587,569 _____

Source: _____ IFWP _____

Date Processed by STIC: _____ 08/09/2006 _____

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IFWP

RAW SEQUENCE LISTING   DATE: 08/09/2006
PATENT APPLICATION: US/10/587,569   TIME: 10:54:46

Input Set : **F:\P-7627-US.txt**
Output Set: **N:\CRF4\08092006\J587569.raw**

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   3 <110> APPLICANT: University of Pennsylvania
   4         Cappola, Thomas
   6 <120> TITLE OF INVENTION: NOVEL PREDICTORS OF TRANSPLANT REJECTION DETERMINED BY
PERIPHERAL
   7         BLOOD GENE-EXPRESSION PROFILING
   9 <130> FILE REFERENCE: P-7627-US
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/587,569
C--> 12 <141> CURRENT FILING DATE: 2006-07-31
  14 <160> NUMBER OF SEQ ID NOS: 12
  16 <170> SOFTWARE: PatentIn version 3.3
  18 <210> SEQ ID NO: 1
  19 <211> LENGTH: 487
  20 <212> TYPE: DNA
  21 <213> ORGANISM: Human
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  28 cataaaaatt gctagaaatt accgacaaga aaagcaaatt ttgaataaat tgaattctgg      180
  30 aaatataaaa cgggcttgtt tttagaatac aaaatcagat gttaattcct gtgactgact      240
  32 gaatatagaa aggtaaccta aggctgggca cggtggctcg tgcctatagt cctggcactt      300
  34 tgagtggctg aggtgggtgg attgcttgaa accaggagtt cgagaccagc caaggcaaca      360
  36 tggtgaaacc tcatccctac agaaaataca aaaatttgct gggtgtggtg gcacacacct      420
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  40 cttcagt                                                              487
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  51 ggaggccaag ggggcagatc acttcaggtc gggagttcca gaccagcctg ttcaacatgg      120
  53 cgaaccccca ttctaccaaa actacaaaaa ttagccgggc tcacgcctga aatcccagca      180
  55 cttgggaga ctgaggaggg gtcacctgag gtcaggatgt caagatcaga ctggccaaca      240
  57 gaatgaaacc ctgtctctac aaaaatacaa aaattaggcc gggtgccgtg gctcatgcct      300
  59 gtaatcccag cactttggga ggccgaggcg ggcagatcac aaggtcaggt gatcgagacc      360
  61 atcctggcta acttggtgaa accctgtctc tactaaaaaa aaaatacaga aagttagccg      420
  63 ggcgtggcac ct                                                        432
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  69 <213> ORGANISM: Human
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  74 ggggagcatc agggaagagg gggccatgag ccggccagca gtggagacgg cagtccagtt      120
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Input Set : **F:\P-7627-US.txt**
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 76 tctctcccct ctgacccta gaaggggagt tgtagcccca tgaactagtt tcttgtctgg     180
 78 gtcaggaaca agggccggct ggggcctggg gtgcagctgg tgtcagggta tgctgtttgc     240
 80 tgatgggcag ggacacccct gcagggtctc gggctctgag cccaggacat tccctgcccc     300
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 97 atttacctgt atacctttt aagtacaaat aaatctgggc tgtcattatt tatgctaaca     180
 99 ctggttttgt gtccctggaa tctatctatc taagttttt tttctttttt tcttttcca     240
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103 ca                                                                   302
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116 tctttgagat attaatcatt aataatttat atattgctat ttaatactta cataggtctt     180
118 tagccttta aaggatttct gtttgacagc ttttataatt gaaagttatt ccattttttt     240
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135 cctgggcgac acagtaagac cctgtctcaa aaaaaagaag tgtgtttctg gccaggcacg     180
137 gtggctcacg cctgtaatcc cagcactttg ggaggcctag gtgggcagat catgaggtca     240
139 ggagttcgag accagcctgg ccaacatggc gaaacacctg tctctactaa aaatacaaaa     300
141 attaggccgg gcgcagtggc tcacacctgt aatcccaaca ctttgggagg ccgacccaga     360
143 tgggtggatc acctgaggtc aggagtttga gaccagcctt gacaacatgg tgaaaccca     420
145 tctctggtag aaatataaaa aattaaccgg gcatggtggt ggacgcctgt aatcccagct     480
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153 <211> LENGTH: 302
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155 <213> ORGANISM: Human
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162 atttacctgt ataccttttt aagtacaaat aaatctgggc tgtcattatt tatgctaaca      180
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166 ttttccagta cctattagac agaatggctt tcaatttttt ctcttacttc caaacttagt      300
168 ca                                                                     302
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172 <211> LENGTH: 444
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181 tcaaaaacaa accaacaaaa aaaaaacagg ccgggcgcgg tggctcatgc ctgtaaatcc      180
183 cagcactctg ggaggccgag gcgggcggat cacgaggtca ggagttcaag aacagcctga      240
185 ccaacatggt gaaáccccgt ctcaactaaa aatacaaaaa ttagccgtgc gtggtggcac      300
187 gcacctgtaa tcccagctac tcaggaggcc gaggcaggag aatcgcccga acccgggagg      360
189 cagaggctgc agtgatccga gatcacgcca ctgcattcca gcctgggcga cagagcgaga      420
191 tttcatctcg ccgtgggcgg cgac                                             444
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196 <212> TYPE: DNA
197 <213> ORGANISM: Human
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204 actccaaaga agactttaaa aagggagcag tgaaaaggtc ttaataattt attgattgaa      180
206 ttaagaaata ctagctaatt aagaatctga gtctaaacag cacagatttt ttctttctgc      240
208 ttttaaattg tgttttaaaa aaagagacag ggggctgggc gtggtggctc acgcctgtaa     300
210 tcctagcact ttgggaggcc gaggcgggtg gatcacgagg taggagttaa agaccagcct      360
212 ggccaacatg gcaaaaccct actaaagata caaaaaaaaa aaaaaattgg ccaggcgtgg      420
214 tggtgggtgc ctgtaatccc aggtacttgg aaggctgagg caggagaatc tcttgaaccc      480
216 agaaggcgaa ggttgcagtg aaccgagatc atgccattgt actctagcct gggtgaca      538
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221 <212> TYPE: DNA
222 <213> ORGANISM: Human
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229 gctgtgtctt ccttaaagtt gggatctctg tattatctca tactctatag tagagcaata      180
231 aacataagct gacttatgtg atcacttaaa actaccagga agaaacattt tccgtaataa      240
233 atttagtgta ggattgcttt gtcttctcac actcactttt cagaaaagaa aatgtaagta      300
235 ttgccaggcg cggtggctca cacctgtaat cccagcactt gggaggctg aggcaggtgg       360
237 atcacttgag gtcaggagtt ggagaccagc ctggccaaca tggagaaatc ccatctctac      420
239 taaaaataca aaaattagcc gggtgtagtg gcgcatgc                              458
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243 <211> LENGTH: 221
244 <212> TYPE: DNA
245 <213> ORGANISM: Human
248 <220> FEATURE:
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W--> 258 gtttaatgta aatgttttat tcaatactac tatcntctag actaatttgg ttgtagttca     180
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   264 <211> LENGTH: 229
   265 <212> TYPE: DNA
   266 <213> ORGANISM: Human
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   273 catttagcca ttcgttttat aaaaaactcc aggcaaactc agctggactt ttcttgcttt     180
   275 aataacagct ttattgagat acaattcaca tatcacgaaa ttctttta                  229
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Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:11; N Pos. 155

VERIFICATION SUMMARY   DATE: 08/09/2006
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Input Set : **F:\P-7627-US.txt**
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L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:258 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:120